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**PHOTOGRAPHIC
INTERPRETATION
REPORT**

**DEPLOYMENT OF THE SOVIET AS-6
AIR-TO-SURFACE MISSILE**

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DEPLOYMENT OF THE SOVIET
AS-6 AIR-TO-SURFACE MISSILE

1. The AS-6 air-to-surface missile (ASM) and its associated shipping crates are being seen on KEYHOLE photography at an increasing number of Soviet airfields. AS-6 missiles or crates have now been seen at ten locations in the USSR and at an operational airfield in Egypt (Figure 1).

2. The first operational airfields where the AS-6 missiles and crates were seen were Soviet Naval airfields. Since however, they have appeared at three Long Range Air Army (LRAA) airfields, indicating their use by both branches of the Soviet strategic aviation establishment. The TU-16 BADGER aircraft is used by both the Soviet Navy and the LRAA to carry the AS-6 missile.

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3. Actual AS-6 missiles have been seen at only four airfields in the USSR: at Akhtubinsk Flight Test Center (where the AS-6 was tested), at Severomorsk, at Stryy, and at Soltsy. At Akhtubinsk and Severomorsk the missile was seen under the wing of a BADGER, and only the fuselage length and width could be measured. At Stryy and Soltsy the entire missile was seen, and its general configuration and dimensions were ascertained (Figures 2 and 3). Places and dates where the missiles have been seen are presented in Table 1.

4. AS-6 shipping crates (Figures 4 and 5) are the primary indicators of AS-6 activity. They have been seen at Smolensk Guided Missile and Aircraft Components Plant 475, USSR, where the AS-6 missile is manufactured, at Akhtubinsk Flight Test Center, and at eight operational airfields. Places and dates where the crates have been seen are presented in Table 2.

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Table 1. Sightings of the AS-6 Air-to-Surface Missile

Installation*	Number of Missiles
Akhtubinsk Flight Test Center	1
	2
	4
Severomorsk Airfield	6
Stryy Airfield and ASM Facility	4
Soltsy ASM Support Facility	2

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*Installations are listed in the chronological order of first sightings of AS-6 missiles. All installations are in the USSR.

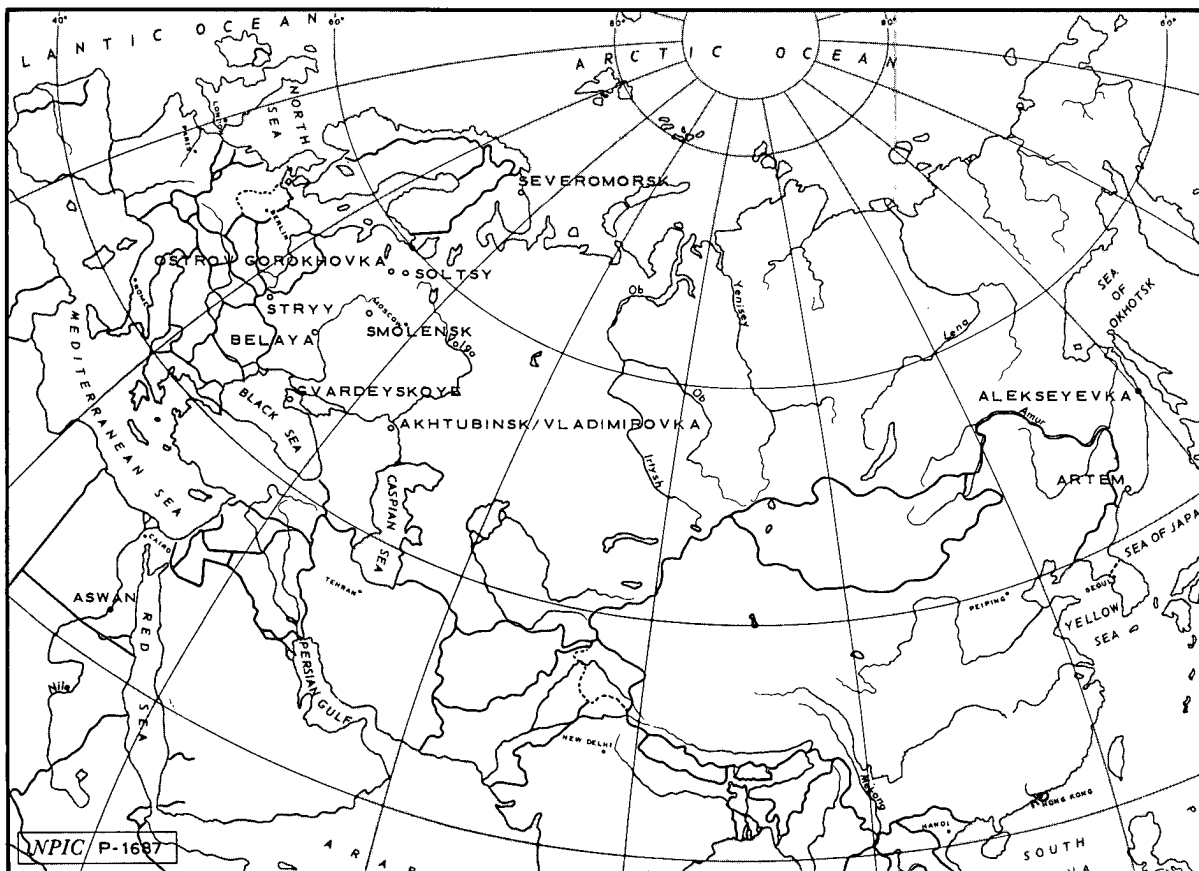


FIGURE 1. LOCATION MAP

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Table 2. Sightings of AS-6 Shipping Crates

Installation*	Number of Crates
Artem Airfield North	2 4
Smolensk Guided Missile & Aircraft Components Plant 475	35 (approx) 41 48 22 8
Akhtubinsk/Vladimirovka AAM & ASM Storage Facility	4 15 7 6
Severomorsk ASM Support Facility	5 34 41
Aswan Airfield (Egypt)	5 6 6 6 6
Alekseyevka ASM Support Facility	11 11 11 11
Soltsy ASM Support Facility	26 45 47
Ostrov Gorokhovka ASM Support Facility	7
Stryy ASM Support Facility	37
Belaya Tserkov ASM Support Facility	7
Gvardeyskoye ASM Support Facility	2

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*Installations are listed in the chronological order of first sightings of AS-6 crates. Except for Aswan Airfield, Egypt, all installations are in the USSR.

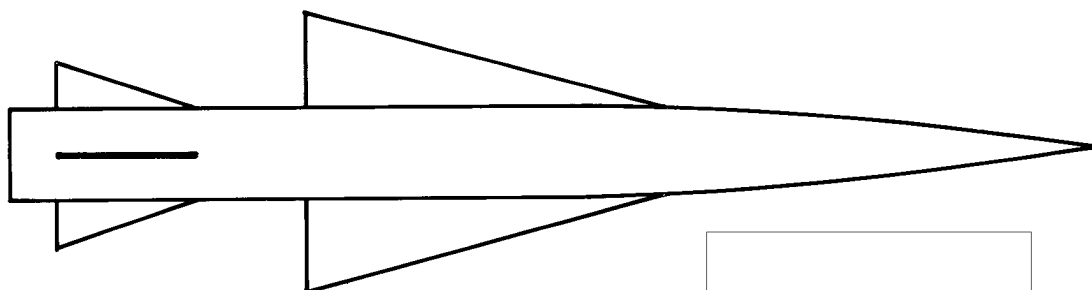
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FIGURE 3. DRAWING OF THE AS-6 ASM

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REFERENCES

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DOCUMENT

1. USAF. AFNICC 031-70, Annual SIGINT Aerospace Weapons Part 1, 3 Mar 70 (TOP SECRET [REDACTED])

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REQUIREMENT

NPIC/IEG/WGD/SSB Project 143301NW

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